

- formulate recommendations for reconstruction or optimization of the project's performance parameters, taking into account the state and multisided requirements of the real situation.

### References

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## MODERN TRANSPORT OF UKRAINE

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The developed transport system and infrastructure are a guarantee of the high level of the country's development. Transport affects all kinds of social activities: economy, political life, social life, cultural life and defense. Today, the global trends necessitate constant perfection of management of transport infrastructure, in particular, investment attraction.

The growing scale of cargo and passenger transportation, increasing the distance of transportation, the construction of highways in remote and hard-to-reach areas with severe climates, the need to organize transport services for large cities and industrial facilities, speeding up, reliability of communications, improving comfort and reducing the cost of transportation – all these issues require development of new non-traditional vehicles. Many of them exist in the form of projects, some of which have already been implemented.

Ukraine belongs to a few countries of the world with a full cycle (macro technology) of aviation technology and occupies a leading position on the world market in the transport and regional passenger aircraft sector. According to the level of development of aircraft industry, Ukraine belongs to the most developed countries.

In Ukraine there is only one institution with a full cycle of aircraft manufacturing. This is *Antonov factory*. Only during the years of Ukraine's independence about a dozen passenger aircrafts were produced in the plant. Among them are Tu-334, An-148 and An-158. Moreover, in 2011, the plant began serial production of An-158 [1].

According to some experts, Motor Sich is one of the leading companies in the world engaged in the development, production, repair and maintenance of aeronautical gas turbine engines for aircraft and helicopters, as well as industrial gas turbine installations. The company's name comes from the word "Sich", that is Zaporizhian Sich [2].

At present, Ukraine has an achievement in the sphere of car building. An example is the "Kryukov Railway Car Building Works" – a machine-building enterprise in the city of Kremenchug, which is engaged in the production of vehicles, including rolling stock. The enterprise is widely known both in Ukraine and abroad. In recent years, the plant has created a line of passenger cars of all types: spaceplates, coupes, JVs, cars with places for the transportation of people with disabilities, restaurants, luggage wagons, international carriages of size RIC, several models of cars and open trains for high-speed interregional transport "Intercity" and "Intercity +" classes [3].

Ukraine is also proud of The South Machine-Building Plant. It manufactures products for the defense industry, aircraft transport, agricultural engineering, and thermal power plants. The plant is also engaged in the production, testing and operation of spacecraft launch vehicles. In cooperation with the world's leading space companies, such as NASA, the South-Machine entered a new, higher level. In recent years, together with the CBO, a full-fledged first stage has been created for the "US Taurus-2" space transportation system to deliver cargo to the international space station [4].

From these facts, one may conclude that Ukraine has the necessary starting conditions for the formation of a modern system of transport communications, which would meet European standards. Favorable factors are the sufficient resource base and the level of development of technology, availability of skilled labor potential and advanced scientific and technical developments, favorable natural and climatic and geographical characteristics of the territory, availability of competitive scientific and technical projects that have undergone an appropriate examination and are ready for implementation; the interest of foreign investors in the placement of capital in Ukraine, a steady tendency towards Ukraine's recognition of the world community as a European state, with which it is desirable to have stable business relations on a broad and long-term basis; the existence of an approved concept for the creation and operation of a national ITC network in Ukraine.

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